

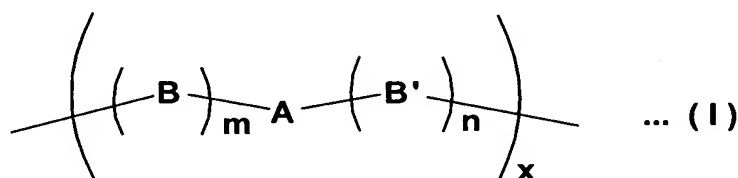
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

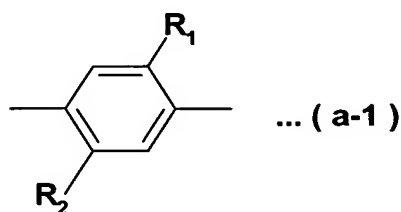
Listing of Claims:

1. (Currently Amended) A polymer having the following general formula (I) as a repeating unit:

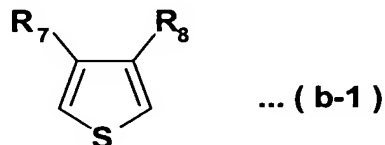
(Formula I)



where in the general formula (I), each of m and n are is 1 or 2, A is (a-1), and each of B and B' are is identical, and are is (b-1);



R₁ and R₂ of (a-1) are identical or different, and each of R₁ and R₂ are is any one of a hydrogen atom, a halogen atom, or and an organic substituent that may include includes at least one of a carbon atom, an oxygen atom, a sulfur atom or a nitrogen atom; and



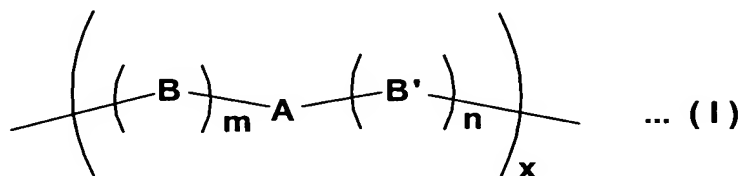
R₇ and R₈ of (b-1) are ~~respectively~~ identical or different, and each of R₇ and R₈ are is any one of a hydrogen atom, a halogen atom, [[or]] and an organic substituent that may include includes at least one of a carbon atom, an oxygen atom, a sulfur atom or a nitrogen

atom.

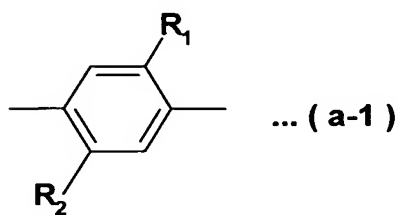
2. (Currently Amended) An electroluminescent element comprising:
a first electrode;
a second electrode over the first electrode; and
a layer interposed between the first electrode and the second electrode;
wherein the layer comprises a polymer having the following general formula (I) as a
repeating unit:

device having a layer including a polymer having a repeating unit represented by the following general formula (I) between a pair of electrodes:-

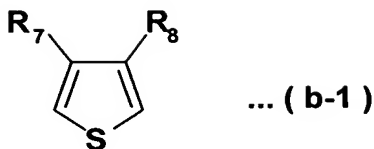
(Formula I)



where in the general formula (I), each of m and n are is 1 or 2, A is (a-1), and each of B and B' are is identical, and are is (b-1);



R₁ and R₂ of (a-1) are identical or different, and each of R₁ and R₂ are is any one of a hydrogen atom, a halogen atom, [[or]] and an organic substituent that may include includes at least one of a carbon atom, an oxygen atom, a sulfur atom or a nitrogen atom; and



R_7 and R_8 of (b-1) are ~~respectively~~ identical or different, and each of R_7 and R_8 are is any one of a hydrogen atom, a halogen atom, or and an organic substituent that may include includes at least one of a carbon atom, an oxygen atom, a sulfur atom or a nitrogen atom.

3. (Currently Amended) The ~~light-emitting device~~ electroluminescent element according to claim 1-2, wherein the layer ~~including the polymer~~ is a layer formed by electrolytic polymerization.

4. (Currently Amended) A light-emitting device ~~having comprising~~ a plurality of electroluminescent ~~devices~~ elements,

wherein at least one of the plurality of electroluminescent elements comprising:

a first electrode;

a second electrode over the first electrode; and

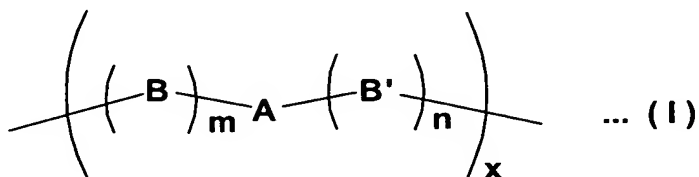
a first layer interposed between the first electrode and the second electrode;

wherein the first layer comprises a first polymer having the following general formula (I) as a repeating unit:

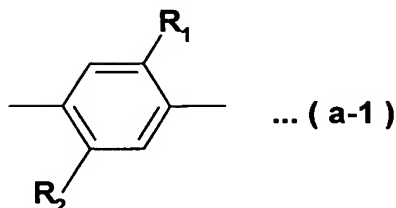
~~wherein each of the plurality of electroluminescent devices has an opposed pair of electrodes and a layer including a polymer, which is formed between the pair of electrodes, and~~

~~wherein the polymer is a compound having a repeating unit represented by the following general formula (I):~~

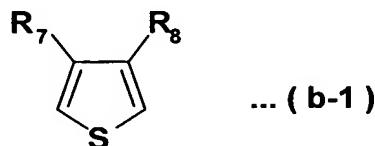
(Formula I)



where in the general formula (I), each of m and n are is 1 or 2, A is (a-1), and each of B and B' are is identical, and are is (b-1);



R₁ and R₂ of (a-1) are identical or different, and each of R₁ and R₂ are is any one of a hydrogen atom, a halogen atom, or and an organic substituent that may include includes at least one of a carbon atom, an oxygen atom, a sulfur atom or a nitrogen atom; and



R₇ and R₈ of (b-1) are respectively identical or different, and each of R₇ and R₈ are is any one of a hydrogen atom, a halogen atom, or and an organic substituent that may include includes at least one of a carbon atom, an oxygen atom, a sulfur atom or a nitrogen atom.

5. (Currently Amended) The light-emitting device according to claim 4, wherein at least one of the plurality of electroluminescent devices has the polymer which is different from those of the other electroluminescent devices the other one of the plurality of electroluminescent element comprises:

a fourth electrode;

a fifth electrode over the fourth electrode; and

a second layer interposed between the fourth electrode and the fifth electrode;

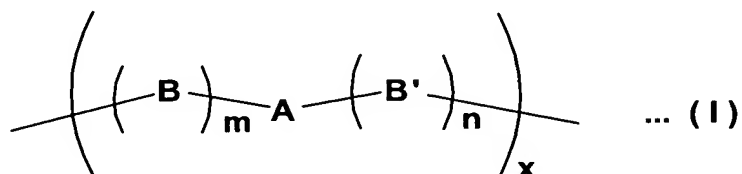
wherein the second layer comprises a second polymer having the general formula (I) as a repeating unit,

wherein the first polymer is different from the second polymer.

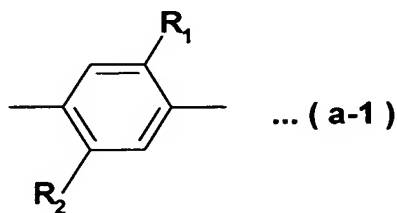
6. (Currently Amended) A light-emitting device comprising:

a substrate having an insulating surface;
 a plurality of stripe-shaped first electrodes formed at ~~over the insulating surface of~~
 the substrate;
 a ~~layer including a polymer, which is formed on each of the plurality of first~~
~~electrodes; and~~
 a plurality of stripe-shaped second electrodes arranged to be orthogonal to the
~~plurality of first electrodes, which are formed on the plurality of layers including the~~
~~polymer; and~~
a plurality of layers, wherein each of the plurality of layers is formed between
corresponding one of the plurality of first electrodes and corresponding one of the plurality of
second electrodes,
wherein at least one of the plurality of layers comprises a first polymer having the
following general formula (I) as a repeating unit:
wherein the polymer is a compound having a repeating unit represented by the
following general formula (I):

(Formula I)

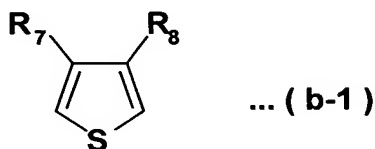


where in the general formula (I), each of m and n are is 1 or 2, A is (a-1), and each
of B and B' are is identical, and are is (b-1);



R₁ and R₂ of (a-1) are identical or different, and each of R₁ and R₂ are is any one of a
hydrogen atom, a halogen atom, or and an organic substituent that may include includes at
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least one of a carbon atom, an oxygen atom, a sulfur atom or a nitrogen atom; and



R₇ and R₈ of (b-1) are ~~respectively~~ identical or different, and each of R₇ and R₈ are is
any one of a hydrogen atom, a halogen atom, or and an organic substituent that may include
includes at least one of a carbon atom, an oxygen atom, a sulfur atom or a nitrogen atom.

7. (Currently Amended) The light-emitting device according to claim 6, wherein at
~~least one of the plurality of electroluminescent devices has the polymer which is different~~
~~from those of the other electroluminescent devices~~ the other one of the plurality of layers
comprises a second polymer having the general formula (I) as a repeating unit, and
wherein the first polymer is different from the second polymer.

8. (Currently Amended) The light-emitting device according to claim 6, wherein the
plurality of layers including the polymer are layers formed by electrolytic polymerization.

9. (Currently Amended) A light-emitting device comprising:
a substrate having an insulating surface;
a plurality of first electrodes formed at over the insulating surface of the substrate;
~~a layer including a polymer, which is formed on each of the plurality of first~~
~~electrodes; and~~

a second electrode ~~opposed to each of~~ over the plurality of first electrodes with the
plurality of layers including the polymer interposed in between;

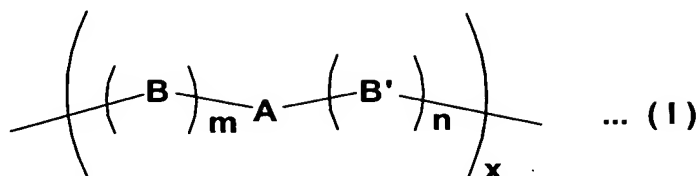
a plurality of layers, wherein each of the plurality of layers is formed between
corresponding one of the plurality of first electrodes and the second electrode,

wherein at least one of the plurality of layers comprises a first polymer having the
following general formula (I) as a repeating unit;

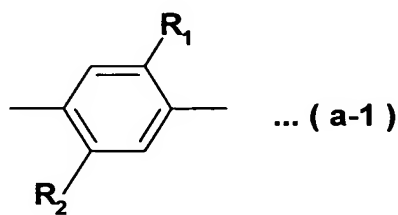
~~wherein polymer is a compound having a repeating unit represented by the following~~

general formula (I):

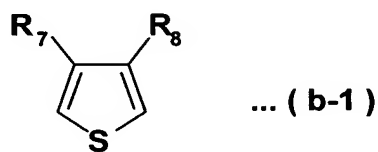
(Formula I)



where in the general formula (I), each of m and n are is 1 or 2, A is (a-1), and each of B and B' are is identical, and are is (b-1);



R₁ and R₂ of (a-1) are identical or different, and each of R₁ and R₂ are is any one of a hydrogen atom, a halogen atom, or and an organic substituent that may include includes at least one of a carbon atom, an oxygen atom, a sulfur atom or a nitrogen atom; and



R₇ and R₈ of (b-1) are respectively identical or different, and each of R₇ and R₈ are is any one of a hydrogen atom, a halogen atom, or and an organic substituent that may include includes at least one of a carbon atom, an oxygen atom, a sulfur atom or a nitrogen atom.

10. (Currently Amended) The light-emitting device according to claim 9, wherein at least one of the plurality of electroluminescent devices has the polymer which is different from those of the other electroluminescent devices the other one of the plurality of layers comprises a second polymer having the general formula (I) as a repeating unit, and

wherein the first polymer is different from the second polymer.

11. (Currently Amended) A light-emitting device comprising:

a first electrode;

a second electrode;

a third electrode;

a fourth electrode over the first electrode, the second electrode and the third electrode;

a first layer comprises a first polymer, formed between the first electrode and fourth electrode;

a second layer comprises a first polymer, formed between the second electrode and fourth electrode; and

a third layer comprises a first polymer, formed between the third electrode and fourth electrode,

wherein the first polymer, the second polymer and the third polymer emits light in different colors from each other,

wherein each of the first polymer, the second polymer and the third polymer having the following general formula (I) as a repeating unit:

~~having a plurality of first to third pixels that emit light in different colors from each other on a substrate having an insulating surface, comprising:~~

~~a plurality of first electrodes;~~

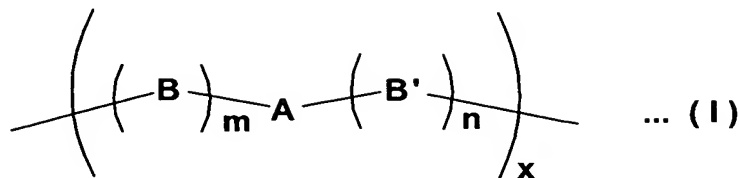
~~a layer including a polymer, which is formed on each of the plurality of first electrodes; and~~

~~a second electrode opposed to the plurality of first electrodes, which is formed on the layer including the polymer,~~

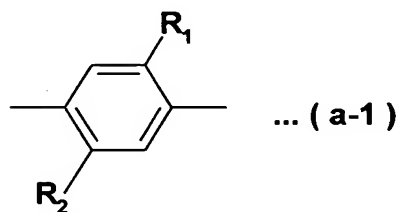
~~wherein the first electrode is provided with respect to each of the plurality of first to third pixels, and the second electrode is provided in common with the plurality of first to third pixels, and~~

~~wherein the polymer is a compound that has a repeating unit represented by the following general formula (I), and the polymer of the layer including the polymer is different from each other in the first to third pixels:~~

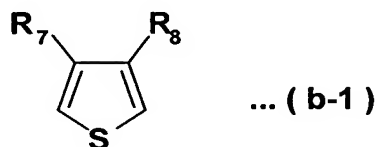
(Formula I)



where in the general formula (I), each of m and n are is 1 or 2, A is (a-1), and each of B and B' are is identical, and are is (b-1);



R₁ and R₂ of (a-1) are identical or different, and each of R₁ and R₂ are is any one of a hydrogen atom, a halogen atom, or and an organic substituent that may include includes at least one of a carbon atom, an oxygen atom, a sulfur atom or a nitrogen atom; and



R₇ and R₈ of (b-1) are respectively identical or different, and each of R₇ and R₈ are is any one of a hydrogen atom, a halogen atom, or and an organic substituent that may include includes at least one of a carbon atom, an oxygen atom, a sulfur atom or a nitrogen atom.

12. (Currently Amended) The light-emitting device according to claim 9, wherein the layer plurality of layers including the polymer is a layer formed by electrolytic polymerization.

13. (Currently Amended) The light-emitting device according to claim [[9]] 6, said device further comprising a plurality of data signal lines, a plurality of scan signal lines, and a

plurality of nonlinear elements,

wherein each of the plurality of nonlinear elements is connected to corresponding one of the plurality of data signal lines and corresponding one of the plurality of scan signal lines, and

wherein each of the plurality of first electrodes are respectively electrically connected to corresponding one of the plurality of nonlinear elements.

14. (Currently Amended) The light-emitting device according to claim 13, wherein ~~at least a thin film transistor is used as~~ each of the plurality of nonlinear elements comprises at least one thin film transistor.

15. (Cancel)

16. (Cancel)

17. (Currently Amended) The light-emitting device according to claim ~~10~~ 4, wherein the first layer including the polymer is a layer formed by electrolytic polymerization.

18. (Currently Amended) The light-emitting device according to claim 11, wherein the first layer, the second layer and the third layer including the polymer is a layer are formed by electrolytic polymerization.

19. (Currently Amended) The light-emitting device according to claim ~~10~~ 9, ~~has further comprising~~ a plurality of data signal lines, a plurality of scan signal lines, and a plurality of nonlinear elements,

wherein each of the plurality of nonlinear elements is connected to corresponding one of the plurality of data signal lines and corresponding one of the plurality of scan signal lines, and

wherein each of the plurality of first electrodes are respectively electrically connected to corresponding one of the plurality of nonlinear elements.

20. (Currently Amended) The light-emitting device according to claim 11, ~~has~~ further comprising a plurality of data signal lines, a plurality of scan signal lines, and a plurality of nonlinear elements,

wherein each of the plurality of nonlinear elements is connected to corresponding one of the plurality of data signal lines and corresponding one of the plurality of scan signal lines, and

wherein each of the plurality of first electrodes are respectively electrically connected to corresponding one of the plurality of nonlinear elements.

21. (Canceled)